ABSTRACT

A novel phosphotriesterified ribonucleic acid compound which is important for liquid-phase synthesis of oligo-RNA is provided.

Examples of the ribonucleic acid compound of the invention may include ribonucleic acid compounds represented by the following general formula:

(wherein B represents adenine, guanine, cytosine or uracil or a modified form thereof; R^{21} represents aryl which may be substituted or a monocyclic or bicyclic heterocyclic group which may be substituted; R^{20} represents H or alkyl which may be substituted; and R^{1} represents a protecting group which can be removed at 90% or more at a temperature in the range from 0°C to 60°C under acidic conditions at a pH value from 2 to 4 within 24 hours).